

Applicant : Ernie Lin et al.  
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Attorney's Docket No.: 12203-007001

### REMARKS

The applicant thanks the examiner for his helpful discussions by telephone on February 6, 2006 with the applicant's representatives, J. Robin Rohlicek and Misha K. Hill, regarding the prior art and proposed amendments, and respectfully requests that the attached amendments be entered.

Rejections over Liebenow (US Pat. 6,522,640), Brandt (US Pat. 4,727,535), and Henderson (US Pat. 6,611,681)

Claims 1-21 stand rejected over Liebenow alone or in combination with Brandt or Henderson. Liebenow generally discloses a communication system (FIG. 2) in which a digital signal is encoded and modulated for transmission over a radio channel. At a unit (78) coupled to a telephone line, an analog voiceband signal arriving at the unit is processed in a CODEC (40) to produce a digital signal. This digital signal is transmitted to a second unit (21, 32) over a wireless channel using suitable modulation and demodulation of the digital signal. This digital signal is then reproduced at the second unit. It is noteworthy that the original analog voiceband signal received at the first unit and processed in the CODEC is not itself modulated for transmission to the second unit, but is converted into a digital signal *before* modulation and transmission. (i.e., note that the master transceiver 46 includes a radio digital section (48), which receives a digital signal from CODEC).

In contrast, claim 1 as amended requires that "the base unit includes a transmitter for *analog* modulation of an *analog* voiceband data signal," and that the remote unit correspondingly includes a receiver for "*analog* demodulation of the *analog* voiceband signal" (emphasis added). In Liebenow, the analog voiceband data signal is first converted into digital form before modulation for radio transmission, and therefore the analog voiceband signal is not analog modulated. Therefore, Liebenow does not disclose and would not have made obvious "a transmitter for *analog* modulation of an *analog* voiceband data signal" as claimed.

Claims 11, 16, and 17 have been amended and are patentable for at least the same reasons as claim 1. The remaining claims are all properly dependent on one or more of the independent claims, and thus allowable therewith. Each of the dependent claims adds one or more further

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limitations that enhance patentability, but those limitations are not presently relied upon. For that reason, and not because applicants agree with the examiner, no rebuttal is offered to the examiner's reasons for rejecting the dependent claims.

No fees are believed due at this time. Please apply any charges or credits to deposit account 06-1050.

Respectfully submitted,

Date: March 2, 2006



J. Robin Rohlicek, J.D., Ph.D.  
Reg. No. 43,349

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

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